

Section 0-5: Linear Equations

By the end of this lesson, you should be able to answer:

- How do you use Algebra to solve linear equations?

When solving linear equations, remember that we are working at getting the variable isolated. To do so, we need to do the opposite of the operations that are being applied. Once you have found a solution, check it to make sure it works.

Example 1: Solve.

a. $x - 18 = -4$

b. $2b + 12 = 20$

c. $5t = 125$

d. $-\frac{r}{6} = 5$

e. $\frac{2}{3}h + 9 = 17$

f. $4m - 3 = 7m + 12$

Problem Set:

When you make a mistake, there are only three things you should ever do about it: admit it, learn from it, and don't repeat it. – Paul "Bear" Bryant